

WHAT IS CLAIMED IS:

1. An elastomeric composition comprising a natural rubber, a halobutyl elastomer, a mineral filler, and a rubber-mineral filler bonding agent.
- 5 2. A composition according to Claim 1 wherein the halobutyl elastomer is a bromobutyl elastomer and the mineral filler is silica.
- 10 3. A composition according to Claim 1 wherein the bonding agent is a silane.
- 15 4. A composition according to Claim 1 wherein the composition is cured with sulfur.
- 15 5. A composition according to Claim 1 wherein the halobutyl elastomer constitutes from 5 to 50% of the elastomeric content of the composition.
- 20 6. A composition according to Claim 5 wherein the halobutyl elastomer constitutes from 5 to 30% of the elastomeric content of the composition.
- 25 7. A process for preparing an elastomeric comprising blending a natural rubber, a halobutyl elastomer, a mineral filler and a rubber-mineral filler bonding agent.
8. A process according to Claim 7 wherein the natural rubber, the halobutyl elastomer, the mineral filler and the bonding agent are added separately.

9. A process according to Claim 7 wherein the mineral filler is silica and the bonding agent is a silane that has at least one hydroxyl group or hydrolyzable group attached to a silicon atom of the silane.

5 10. A process according to Claim 9 wherein the silane is aminopropyltriethoxysilane, bis[3-(triethoxysilyl)propyl]- tetrasulfane, bis[3-(triethoxysilyl)propyl]disulfane or mercaptopropyl trimethoxysilane, or a mixture thereof.

10 11. A cured, filled elastomeric composition according to Claim 1 in the form of a tire tread for a vehicle.

12. A cured, filled elastomeric composition according to Claim 1 in the form of a tire tread for a truck.

15 13. A cured, filled elastomeric composition according to Claim 1 in the form of an engine mount, a shoe sole or a diaphragm for a pump.